

## **CLAIMS**

**What is claimed is:**

- 1. An impact assessment unit comprising:**
  - an interface connector operably connectable to a connector of a platform electronic system;**
  - a resource allocation unit to negotiate access to resources associated with the platform electronic system; and**
  - a controller to regulate communication with a smart munition using a receiver associated with the platform electronic system.**
- 2. The unit according to claim 1, wherein said resource allocation unit negotiates access to a human interface unit.**
- 3. The unit according to claim 2, wherein said human interface unit is an audio system.**
- 4. The unit according to claim 2, wherein said human interface unit is a visual display system.**
- 5. The unit according to claim 1, further comprising a processing unit for receiving and processing information from an onboard guidance system of said smart munition.**
- 6. The unit according to claim 5, wherein said processing unit is an external unit to said impact assessment unit.**

7. The unit according to claim 6, wherein said resource allocation unit negotiates access to said external processing unit.
8. The unit according to claim 1, wherein said resource allocation unit negotiates access to a transmitter to transmit a signal generated by said impact assessment unit in a manner receivable by a receiving device of said smart munition;
9. The unit according to claim 1, wherein said resource allocation unit negotiates access to a receiver to receive a signal generated by said smart munition.
10. The unit according to claim 9, wherein said receiver is a radiofrequency receiver.
11. The unit according to claim 10, wherein said radiofrequency receiver is inherent to an electronic warfare system of the platform.
12. The unit according to claim 9, wherein said radiofrequency signal is a frequency radio signal of between 2 gigahertz and 2.6 gigahertz.
13. The unit according to claim 1, wherein said resource allocation unit negotiates access to resources associated with the platform electronic system through a resource allocation controller on the platform.

14. The unit according to claim 1, wherein said unit is placed on a monitoring unit.
15. The unit according to claim 1, wherein said resource allocation unit negotiates access to an information recordation unit to record the information received to said unit.
16. The unit according to claim 1, wherein said resource allocation unit negotiates access to a transmitter associated with the platform electronic system to transmit the information received to said unit.
17. A method for impact assessment, the method comprising:
- connecting an impact assessment unit with a platform electronic system;
  - negotiating access to resources associated with the platform electronic system; and
  - regulating communication with a smart munition through a transceiver/receiver(s) associated with the platform electronics system.
18. The method according to claim 17, wherein said negotiation is to access to a human interface unit.

19. The method according to claim 17, wherein said negotiation is to access to an audio system.
20. The method according to claim 17, wherein said negotiation is to access a visual display system.
21. The method according to claim 17, further comprising processing information for receiving and processing from an onboard guidance system of said smart munition.
22. The method according to claim 17, wherein said negotiation is to provide access to a transmitter to transmit a signal generated by said impact assessment unit in a manner receivable by a receiving device of said smart munition;
22. The method according to claim 17, wherein said negotiation is to provide access to a receiver to receive a signal generated by said smart munition.
23. The method of claim 17, wherein said negotiation is to access to resources associated with the platform electronic system through a resource allocation controller on the platform.